

ABSTRACT OF THE INVENTION

Implementation of an improved matched filter system for despread-
ing a PN code from a spread spectrum signal utilizes a matched filter system that may be broadly
conceptualized as a system that optimizes the number of multipliers and adders utilized
5 by the system in despread-
ing a PN code from a spread spectrum signal. This lowers the
power consumption of the improved matched filter system and increases the speed at
which the system despreads the PN code from the spread spectrum signal.

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